FEDERAL-STATE-PRIVATE
COOPERATIVE SNOW SURVEYS

WATER SUPPLY OUTLOOK FOR IDAHO

Prepared by

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

IDAHO STATE DEPARTMENT OF WATER ADMINISTRATION

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
JAN. 1, 1972

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO NUMBER ORC 221-3

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

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and

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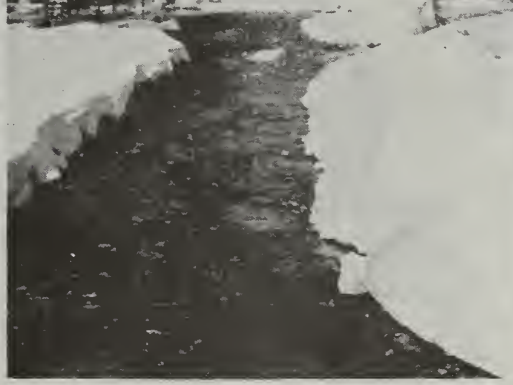
WATER SUPPLY OUTLOOK for IDAHO








GENERAL SUMMARY FOR JANUARY 1, 1972

Snowpack accumulation throughout the entire State of Idaho has been well above normal for the 1971-72 season. In a few cases, snow-water equivalent as of January 1 is at an all-time high for this time of year. Snow cover as compared to normal ranges from 115% on Montpelier Creek in southeastern Idaho to a high of 365% of average on the Palouse drainage in northern Idaho.

In general, soil moisture is very good due to fall rains which primed the soil prior to snow accumulation. Temperatures during December were below normal in most areas and resulted in frozen soils primarily at lower and intermediate elevations.

Carryover reservoir storage is excellent as a result of the above normal runoff experienced in the 1971 irrigation season. The Salmon Falls reservoir and Oakley reservoir in southern Idaho have the highest carryover contents experienced in the last 30 years. Due to the early snow accumulation and high carryover storage, plans are being made to lower many reservoirs to make room for anticipated runoff.

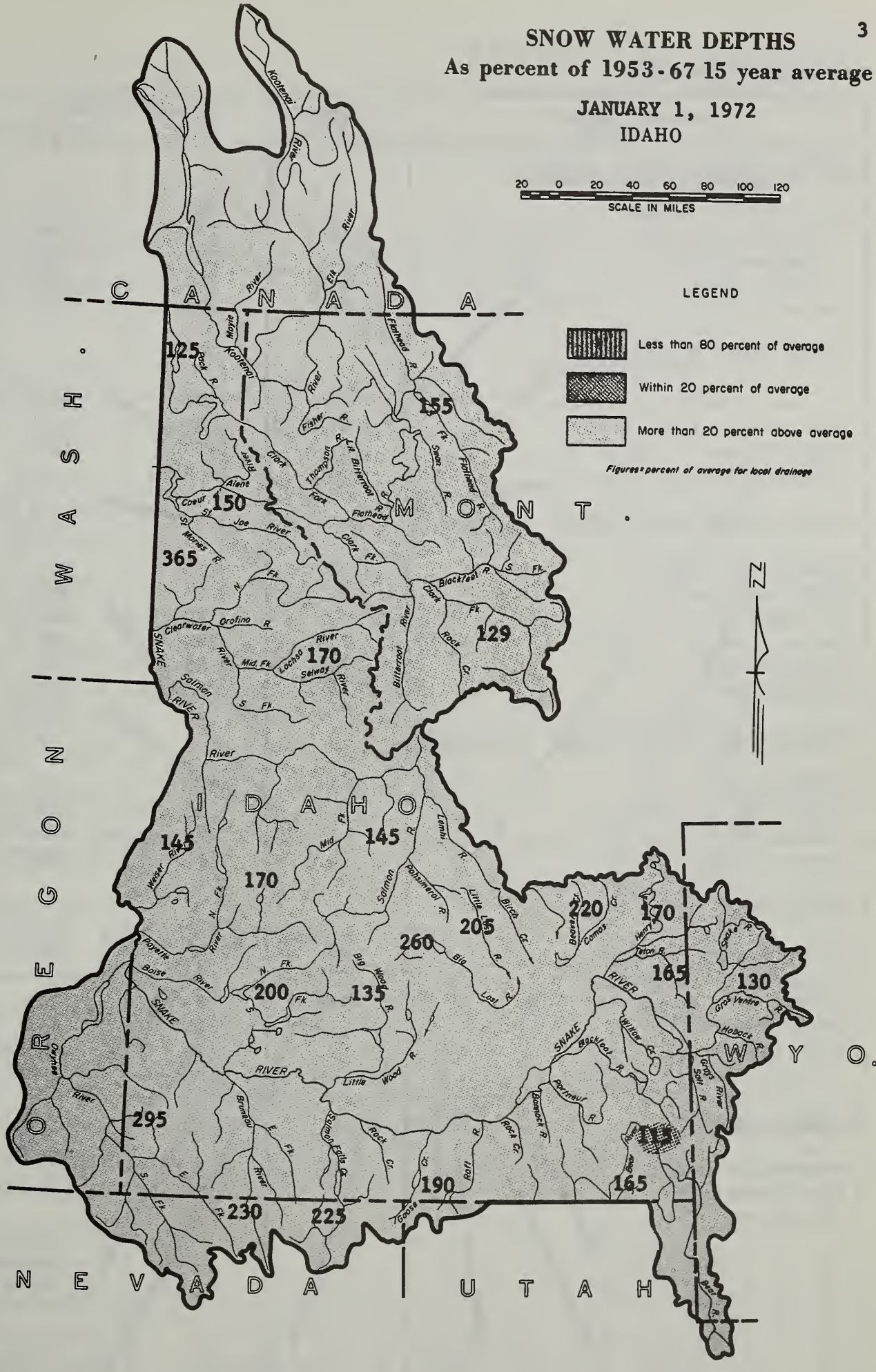
Many low elevation drainages in southern and eastern Idaho have a combination of moist and frozen soil and unusually heavy snow cover. On

these drainages there is a possibility of extremely high, fast run-off if a chinook wind or warm rainy period occurs in the next few weeks.

Idaho may be in for another record snow year, equal to or exceeding last year. If the present trend continues, an excellent water supply is forecast for the 1972 irrigation season.

SNOW WATER DEPTHS
As percent of 1953-67 15 year average

JANUARY 1, 1972
IDAHO



U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE

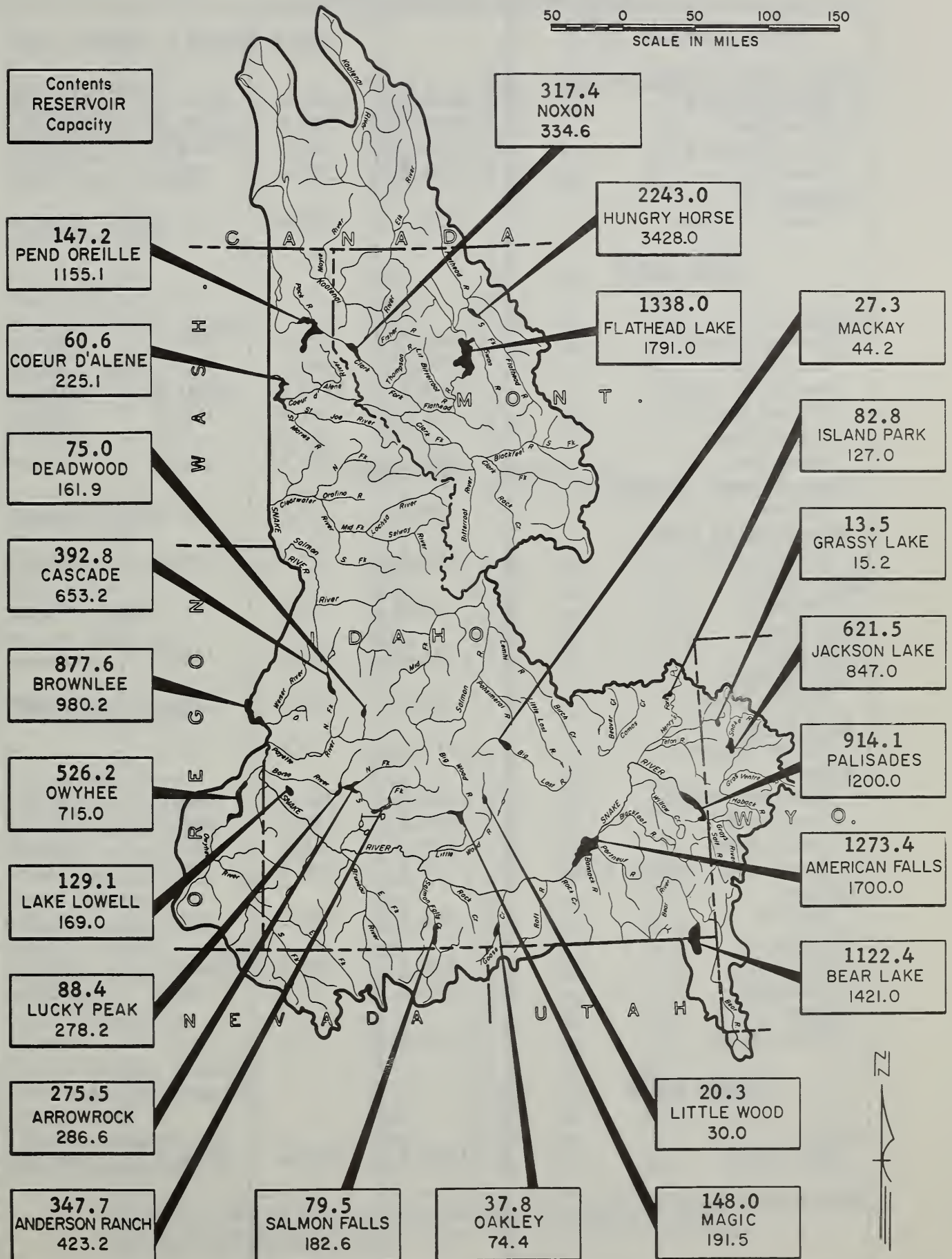
COMPARISON of SNOW COVER

RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF : LAST YEAR	1953-67 AVERAGE
UPPER COLUMBIA RIVER BASIN			
Pend Oreille River	23	109	136
Clark Fork River	16	118	129
Flathead River	3	117	155
Priest River	2-4	100	125
Spokane River	2-3	115	150
LOWER SNAKE RIVER BASIN			
Palouse River	5	275	365
Clearwater River	4-10	130	170
Salmon River	8-18	95	145
Lemhi River	6	105	--
MIDDLE SNAKE RIVER BASIN - Northside			
Little Lost River	5	130	205
Big Lost River	1-3	85	260
Big Wood River	5-6	80	135
Boise River	4-6	100	200
Payette River	7-8	85	170
Weiser River	1	80	145
MIDDLE SNAKE RIVER BASIN - Southside			
Raft River	1	135	190
Salmon Falls Creek	3-4	155	225
Bruneau River	1	120	230
Owyhee River - Idaho	2	120	295
UPPER SNAKE RIVER BASIN			
Upper Snake - Wyoming	15	90	130
Camas-Beaver Creeks	2	80	220
Henrys Fork River	5-6	85	170
Teton River	2-3	120	165
Blackfoot River	2	140	--
Portneuf River	4	185	--
GREAT BASIN			
Montpelier Creek	4	80	115
Mink Creek	1	100	165
Cub River	2	120	--

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

JANUARY 1, 1972



RESERVOIR STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1953-67 AVERAGE
UPPER COLUMBIA BASIN				
Clark Fork - Pend Oreille				
Hungry Horse	3428.0	2243.0	2271.0	2766.0*
Flathead	1791.0	1338.0	1282.0	1330.0
Pend Oreille	1155.1	147.2	143.7	515.4
Noxon	334.6	317.4	324.4	321.1*
Spokane				
Coeur d'Alene	225.1	60.6	63.5	153.2
SNAKE BASIN				
Snake				
Jackson Lake	847.0	621.5	579.4	423.4
Palisades	1200.0	914.1	972.5	634.0*
American Falls	1700.0	1273.4	1230.8	1029.7
Island Park	127.0	82.8	109.4	76.2
Grassy Lake	15.2	13.5	11.9	10.2
Brownlee	980.2	877.6	800.8	773.2*
Goose-Trapper Creeks				
Oakley	74.4	37.8	22.9	11.2
Salmon Falls Creek				
Salmon Falls	182.6	79.5	34.3	19.9
Big Lost				
Mackay	44.2	27.3	32.7	25.4
Big Wood				
Magic	191.5	148.0	116.0	87.2
Little Wood				
Little Wood	30.0	20.3	16.1	8.5*
Fish Creek				
Carey Valley	14.4	7.0	6.5	--
Boise				
Anderson Ranch	423.2	347.7	346.0	250.0
Arrowrock	286.6	275.5	267.9	197.5
Lucky Peak	278.2	88.4	102.0	58.0*
Lake Lowell (Deer Flat)	169.0	129.1	124.0	93.0
Owyhee				
Owyhee	715.0	526.2	581.8	330.8
Payette				
Cascade	653.2	392.8	446.0	283.8
Deadwood	161.9	75.0	85.2	63.5
Weiser				
Mann Creek	11.1	1.7	--	--
GREAT BASIN				
Bear				
Bear Lake	1421.0	1122.4	1109.1	845.0

*Period of Record.

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches) Last Year	PAST RECORD: Water Content (inches) Average [6]
UPPER COLUMBIA RIVER BASIN						
PEND OREILLE - PRIEST RIVER						
Benton Meadow	2344	12/30	18	3.8	5.9	3.2
Benton Spring	4900	12/29	42	11.1	9.0	8.6
#Mosquito Ridge (SP)	5110	1/1	--	19.0	--	--
Schweitzer Bowl	4500	12/30	69	18.8	17.2	--
Schweitzer Ridge	6100	12/30	89	26.7	28.0	--
SPOKANE RIVER						
Above Burke	4100	1/2	59	14.0	--	--
Above Burke (SP)	4100	1/2	--	13.8	--	--
Fourth of July Summit	3100	12/30	38	9.8	6.0	3.5*
Lookout	5250	12/29	78	19.4	21.8	15.7
Lookout (SP)	5250	12/29	--	19.4	--	--
Mosquito Ridge (SP)	5110	1/1	--	19.0	--	--
Sherwin	3200	12/29	49	11.4	6.8	--
LOWER SNAKE RIVER BASIN						
PALOUSE RIVER						
Crumarine Creek	3340	12/30	42	10.2	3.8	2.5*
East Twin	4050	12/30	44	12.0	2.6	3.9*
Howard Creek	3450	12/30	34	8.6	4.1	1.6*
Moscow Mountain	4400	12/30	60	17.3	7.5	5.9*
West Twin	4250	12/30	45	13.5	4.1	3.0*
CLEARWATER RIVER						
Above Greer	1240	1/3	T	T	--	--
Cayuse Airstrip	3700	12/27	48	14.0	--	3.6*
Cottonwood Butte	5140	12/30	40	10.4	5.0	--
Crater Meadows (A)	6100	12/27	94	28.2	--	--
Crooked Fork	3800	12/28	35	8.6	6.1	--
Fish Lake Airstrip (A)	5000	12/24	96	25.0	--	16.8*
Greer Summit	3000	1/3	8	2.2	--	--
Hemlock Butte (A)	5500	12/27	132	39.6	--	--
#Hoodoo Basin Mont.	6000	1/4	95	28.5	25.2	--
#Hoodoo Creek Mont.	5900	1/4	92	27.5	23.4	18.0
Lolo Pass	5230	12/28	64	16.7	16.0	--
Lower Snowhaven	5250	12/30	54	14.0	8.6	--
Midway	2200	1/3	8	1.8	T	--
Pierce Ranger Station	3170	1/1	45	10.2	5.4	4.3*
Powell Ranger Station	4230	12/28	31	7.4	6.2	--
Savage Pass	6600	12/27	49	12.4	12.7	--
Shanghai Summit (A)	4600	12/27	75	19.5	--	--
Upper Snowhaven	5600	12/30	54	15.2	9.2	--

*(b) 1953-67, 15 year period. #Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.*

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SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches) Last Year	PAST RECORD: Water Content (inches) Average [6]
SALMON RIVER						
Big Creek Summit	6600	12/28	72	19.5	22.7	17.0*
#Boulder Creek	5500	12/29	58	14.2	18.0	9.7*
Brundage Mountain	7560	12/29	90	25.5	30.8	--
Chapman Creek	4215	12/30	21	4.3	1.5	1.5*
#Deadwood Summit	7000	12/28	81	21.0	--	--
#Galena Summit	8795	12/28	58	13.4	15.8	9.9
#Gibbons Pass Mont.	7100	12/29	46	12.0	12.9	9.6
Johns Creek	3805	12/30	14	2.9	1.0	1.1*
Mill Creek Summit	8870	12/30	48	12.1	14.0	--
Moose Creek	6200	1/2	44	9.8	8.0	--
Morgan Creek	7580	12/30	36	8.7	8.4	--
#Rock Flat Summit	5200	12/29	44	11.4	12.8	6.6
Whitebird Summit	4390	12/30	27	6.2	2.8	2.2*
Lemhi River						
Above Gilmore	8200	12/28	32	6.4	5.6	--
Aspen-Hall Pass	8110	12/29	28	5.6	3.7	--
Copes Camp	7500	12/27	26	3.9	4.3	--
Gertson Creek (A)	8050	1/3	22	4.4	--	--
Hall Creek	7560	12/29	18	3.5	1.9	--
Meadow Lake	9100	12/28	48	12.0	11.5	--
Schwartz Lake	8500	12/27	31	5.6	7.3	--

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
SPOKANE RIVER							
Fourth of July Summit	3100	48	11.6	12/30	10.1	9.8	8.2
Lookout	5250	48	11.0	12/29	6.8	8.2	7.4
CLEARWATER RIVER							
Brown	3100	36	6.7	1/3	5.7	6.0	5.6
Midway	2200	36	6.1	1/3	5.0	4.9	5.0
SALMON RIVER							
Mill Creek Summit	8870	48	9.4	12/31	4.6	5.8	4.4
Lemhi River							
Above Gilmore	8200	60	5.4	12/28	4.0	2.8	2.4
Meadow Lake	9100	48	4.4	12/28	2.4	2.4	1.9

*(b) 1953-67, 15 year period. #Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.*

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average [b]

MIDDLE SNAKE RIVER BASIN - NORTHSIDE

LITTLE LOST RIVER

Fairview Guard Station	6750	12/27	18	3.8	3.3	1.6*
Lost Garfield	6600	12/27	18	4.1	2.0	1.5*
Moonshine	7450	12/27	35	8.1	6.6	4.8*
Sawmill Canyon	6900	12/27	29	7.4	4.9	3.5*
Wet Creek Summit	7600	12/28	42	9.2	7.8	4.3*

BIG LOST RIVER

Iron Bog	7650	12/29	35	7.6	9.8	--
Leadbelt	6800	12/29	28	5.7	7.1	--
White Knob	7700	12/30	33	7.5	7.2	2.9*

BIG WOOD RIVER

#Couch Summit	6950	12/27	38	9.0	12.6	--
Galena	7300	12/27	44	10.0	12.7	7.8
Galena Summit	8795	12/28	58	13.4	15.8	9.9
Graham Ranch	6200	12/29	32	6.6	11.4	5.6
Mount Baldy	9000	12/29	48	10.7	15.2	8.8
Soldier Ranger Station	6100	12/27	34	8.8	7.6	4.3*

BOISE RIVER

Bad Bear	5500	12/29	42	11.0	8.2	4.9*
#Bogus Basin	6120	12/30	65	19.0	15.7	8.1
Couch Summit	6950	12/27	38	9.0	12.6	--
Moores Creek Summit	6100	12/29	74	20.2	19.0	12.3
#Soldier Ranger Station	6100	12/27	34	8.8	7.6	4.3*
Trinity Mountain	7780	12/30	71	20.3	24.2	--

PAYETTE RIVER

#Big Creek Summit	6600	12/28	72	19.5	22.7	17.0*
Bogus Basin	6120	12/30	65	19.0	15.7	8.1
#Brundage Mountain	7560	12/29	90	25.5	30.8	--
Cozy Cove	5900	12/27	50	12.0	14.8	5.9
Crawford Ranger Station	4800	12/28	22	5.5	8.1	2.7*
Deadwood Airstrip	5440	12/27	46	11.4	14.7	5.6*
Deadwood Dam	5290	12/27	48	11.2	14.1	6.5
Deadwood Summit	7000	12/28	81	21.0	--	--
Deadwood Summit (SP)	7000	12/28	--	20.5	--	--
Rock Flat Summit	5200	12/29	44	11.4	12.8	6.6

WEISER RIVER

Boulder Creek	5500	12/29	58	14.2	18.0	9.7*

*(b) 1953-67, 15 year period. #Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.*

USDA-SCS-PORTLAND, OREG. 1971

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
LITTLE LOST RIVER							
Fairview Guard Station	5850	42	7.6	12/27	7.7	7.5	7.3
Wet Creek Summit	8175	48	17.1	12/28	12.4	13.0	12.4
BIG WOOD RIVER							
Galena	7300	48	10.1	10/28	4.6*	5.8	4.2
Galena Summit	8795	48	5.8	10/28	1.7*	Frozen	1.7
BOISE RIVER							
Bogus Basin	6120	48	13.1	12/15	9.3	--	7.5
Bogus Basin Road	4830	48	7.1	12/15	5.0	5.7	4.7

* Fall Measurement

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
					Water Content (inches)	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average [6]

MIDDLE SNAKE RIVER BASIN - SOUTHSIDE

RAFT RIVER							
Howell Canyon		8000	12/29	60	17.9	13.3	9.4*
GOOSE CREEK							
Badger Gulch		6660	12/28	34	9.7	--	3.3*
SALMON FALLS CREEK							
#Bear Creek (A)	Nev.	7800	1/4	44	12.8	--	6.6*
Cedar Creek (A)		7000	1/4	28	8.0	--	--
Deadline		6900	12/27	65	19.4	10.6	8.1*
Goat Creek	Nev.	8800	12/28	44	12.3	--	6.8*
#Hummingbird Springs (A)	Nev.	8945	1/4	45	13.1	--	7.0*
Magic Mountain		6700	12/27	53	15.5	8.8	6.3*
#Pole Creek R. S.	Nev.	8330	12/28	51	14.9	12.4	6.5*
Red Point (A)	Nev.	7940	1/4	36	10.1	--	2.8*
Shoshone Basin		5740	12/27	28	8.0	--	--
Wilson Creek (A)		7500	1/4	44	12.8	--	--
BRUNEAU RIVER							
Bear Creek (A)	Nev.	7800	1/4	44	12.8	--	6.6*
Hummingbird Springs (A)	Nev.	8945	1/4	45	13.1	--	7.0*
Pole Creek R. S.	Nev.	8330	12/28	51	14.9	12.4	6.5*
#Seventy-six Creek (A)	Nev.	7100	1/4	27	8.0	--	--
OWYHEE RIVER							
#Seventy-six Creek (A)	Nev.	7100	1/4	27	8.0	--	--
Silver City		6400	12/28	47	14.2	11.1	4.9*
South Mountain		6340	12/27	38	11.1	10.0	3.6*

*(b) 1953-67, 15 year period. #Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.*

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	SOIL MOISTURE (Inches) THIS YEAR	SOIL MOISTURE (Inches) LAST YEAR	SOIL MOISTURE (Inches) 2 YEARS AGO
RAFT RIVER							
Conner Pass	5700	36	9.8	12/29	6.4	--	8.2
Howell Canyon	8000	48	11.5	12/29	6.7	9.0	7.1
Sheep Hollow	6200	36	7.5	10/13	2.5*	--	--
Sublett	6000	36	7.0	10/14	5.0*	--	--
GOOSE CREEK							
Badger Gulch	6660	36	7.0	12/28	5.9	--	--
SALMON FALLS CREEK							
Deadline	6900	36	7.4	12/27	5.9	6.7	6.1
Patrick Ranch	5720	36	7.7	12/28	5.9	4.5	4.6
Pole Creek R.S.	8330	48	9.7	12/28	8.2	6.6	5.2

* Fall Measurement

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
					Water Content (inches)	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average 6
UPPER SNAKE RIVER BASIN						
CAMAS-BEAVER CREEKS						
Camp Creek	6800	12/28	34	8.0	9.7	3.5
Kilgore	6200	12/30	36	7.5	9.6	3.5*
HENRYS FORK RIVER						
Big Springs	6500	12/27	59	12.4	14.6	7.2
Grassy Lake Wyo.	7230	12/28	76	18.9	22.1	13.4
Island Park	6315	12/27	51	10.6	11.3	5.6
Sawtelle Mountain	8715	12/28	74	20.7	24.6	--
Targhee Pass	7000	12/28	44	10.0	12.1	5.1*
Valley View	6500	12/28	47	10.8	12.2	5.3
TETON RIVER						
Freds Mountain	8000	12/30	62	15.5	13.1	--
Pine Creek Pass	6750	12/30	44	10.7	8.3	6.0*
State Line	6400	12/30	31	8.3	7.1	5.4
WILLOW CREEK						
Bone	6200	12/29	27	6.9	4.4	--
Ozone	5800	12/29	12	2.8	T	--
SAND CREEK						
Henry Creek	5650	12/28	15	5.0	2.8	--
Taylor Mountain	6500	12/28	30	8.5	4.1	--
BLACKFOOT RIVER						
China Hat	6300	1/3	18	5.4	2.8	--
Somsen Ranch	7000	1/3	41	10.1	8.3	--
PORTNEUF RIVER						
Cove	5525	1/3	22	5.6	2.5	--
Lower Pebble	5800	1/3	40	11.5	5.9	--
Moser	5950	1/3	24	5.5	4.0	--
North Bancroft #2	5430	1/3	8	2.2	1.0	--
Pebble Creek	6550	1/3	40	11.7	--	--

*(b) 1953-67, 15 year period. #Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.*

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
HENRYS FORK RIVER							
Island Park	6315	48	9.9	12/27	8.2	8.3	7.6
Valley View	6500	48	13.3	12/28	7.2	Frozen	3.8
TETON RIVER							
Pine Creek Pass	6750	48	13.3	12/30	11.6	12.4	10.2
State Line	6400	48	14.8	12/30	12.6	15.5	10.7
Teton Pass	8500	48	10.5	12/30	9.8	8.9	7.3*
PORTNEUF RIVER							
Lower Pebble	5800	36	7.6	1/3	6.8	8.5	4.2
Pebble Creek	6550	48	7.2	1/3	5.4	4.0*	3.8

* Fall Measurement

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
					Water Content (inches)	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average 6
GREAT BASIN						
BEAR RIVER						
Emigrant Summit	7350	12/29	58	14.9	14.5	8.9*
Montpelier Creek						
Giveout	6840	12/30	32	6.5	7.7	5.0*
Little Beaver	6970	12/30	35	6.6	9.2	6.4*
Montpelier Creek	6570	12/30	21	4.1	4.8	4.1*
Whiskey Flat	6985	12/30	27	5.4	6.8	4.3*
Mink Creek						
#Emigrant Summit	7350	12/29	58	14.9	14.5	8.9*
Cub River						
Cub River R. S.	5400	12/30	25	5.4	3.6	--
Willow Flat	6100	12/30	35	9.0	8.2	--

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
BEAR RIVER							
Emigrant Summit	7350	36	8.2	12/29	6.3	5.8	6.2
Strawberry Creek	5800	48	12.7	12/29	10.1	--	7.3
Montpelier Creek							
Jenson Ranch	6580	48	18.7	12/30	6.6	6.6	8.7

*(b) 1953-67, 15 year period. #Not located directly on this drainage. * Estimated 1953-67, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.*

Agencies and Organizations Cooperating in Idaho Snow Surveys

GOVERNMENT AGENCIES

Canada:

Department of Lands, Forests, and Water Resources, British Columbia
Department of Resources and Development, Water Resources Division

States:

Idaho State Department of Water Administration
State of Idaho Department of Fish and Game
University of Idaho
Idaho State University
Montana Agricultural Experiment Station
Montana State Water Conservation Board
Nevada Cooperative Snow Surveys
Oregon Agricultural Experiment Station
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers

U. S. Department of Agriculture
Forest Service
Agriculture Research Service

U. S. Department of Commerce
NOAA, National Weather Service

U. S. Department of the Interior
Bonneville Power Administration
Bureau of Reclamation
Fish and Wildlife Service
Water Resources Division, Geological Survey
Indian Service
National Park Service
Bureau of Land Management

PUBLIC UTILITIES

The Montana Power Company
Washington Water Power Company
Idaho Power Company
Utah Power and Light Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Boise Project Board of Control
Little Wood River Irrigation District
Jordan Valley Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Twin Lakes Irrigation Company
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control

PRIVATE CORPORATIONS

Amalgamated Sugar Company

Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.

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